



**CONESTOGA-ROVERS
& ASSOCIATES**

US EPA RECORDS CENTER REGION 5



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April 9, 2013

Reference No. 056393

Mr. Michael Berkoff
Remedial Project Manager
U.S. Environmental Protection Agency - Region V
Superfund Division, Remedial Response Section #2
77 West Jackson Boulevard (SR-6J)
Chicago, IL 60604-3590

Dear Mr. Berkoff:

Re: Remedial Action Quarterly Progress Report No. 27 - First Quarter 2013
12th Street Landfill, Operable Unit No. 4
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Allegan and Kalamazoo County

As required by Task 4, Progress Reports within the Statement of Work for the Remedial Design and Remedial Action at the 12th Street Landfill Operable Unit No. 4, please find attached the Progress Report No. 27 for the period of January 1 through March 31, 2013.

Should you have any questions or require any additional information, please do not hesitate to contact the undersigned.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Gregory A. Carli, P. E.

GAC/ejh/22/Pwl
Encl.

cc: J. Saric (USEPA)-electronic copy only
L. Kirby-Miles (USEPA)-electronic copy only
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**REMEDIAL ACTION PROGRESS REPORT NO. 27
JANUARY 1 - MARCH 31, 2013**

**REMEDIAL DESIGN AND REMEDIAL ACTION
12TH STREET LANDFILL, OPERABLE UNIT NO. 4
OTSEGO, MICHIGAN**

This progress report is being submitted to the United States Environmental Protection Agency (USEPA) in accordance with Task 4: Progress Reports and the Summary of Major Deliverables/Schedule contained in the Statement of Work for the Remedial Design and Remedial Action pursuant to the terms of the Consent Decree for the Design and Implementation of Certain Response Actions at Operable Unit No. 4 and the Plainwell, Inc. Mill Property (Site) of the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site (Consent Decree) which became effective February 22, 2005.

1. WORK PERFORMED

- On January 7, 2013, Progress Report No. 26 was submitted to the USEPA
- The following maintenance and monitoring activities were performed during the First Quarter of 2013:
 - Six static water level measurement events were completed in the 2 weeks preceding the semiannual Monitoring Event (January 2013)
 - The third semiannual Monitoring Event (January 28 and 29, 2013) completed as described in the Operations, Maintenance, and Monitoring (OM&M) Plan, dated December 28, 2012; this included the collection of landfill gas readings (pressure, carbon dioxide, oxygen, and methane) from the three gas probes, recording of the surface water level reading from the river staff gauge, documenting the static water level readings and collection of groundwater samples from the fourteen monitoring wells that constitute the Site monitoring well network

2. DATA RECEIVED

- Semiannual Monitoring Event Data (January 2013) was received and quality assurance/quality control (QA/QC) review and validation was initiated during the reporting period. The data will be submitted to USEPA following completion of the QA/QC review and validation.

**3. MODIFICATIONS TO WORK PLANS OR OTHER SCHEDULES
PROPOSED TO OR APPROVED BY THE USEPA**

- On January 7, 2013 CRA submitted a request to the USEPA to make a modification from the schedule of parameters to be sampled during the January 2013 monitoring event. The modification was to delay the collection of groundwater samples for laboratory analysis of Hexavalent and Trivalent Chromium to the next sampling

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event (i.e., a quarterly event) which is scheduled for April 2013 (all other parameters remained the same in January 2013). The reason for the request was due to the hold time limitations on Hexavalent Chromium (i.e., 24 hour hold time) which is a logistical challenge with the laboratory specified in the Quality Assurance Project Plan (QAPP) due to its proximity to the site (i.e., the west coast/Kelso Washington).

4. PROBLEMS ENCOUNTERED AND PLANNED RESOLUTION

- None

5. WORK ANTICIPATED DURING THE NEXT REPORTING PERIOD

- Submittal of the updated/revised QAPP
- Submittal of the January Semiannual Monitoring Event Data Summary Memorandum
- Submittal of the Annual (2012) Maintenance and Monitoring Report
- April quarterly monitoring event and inspection to be completed during the week of April 22nd, 2013
- Coordination and implementation of additional landfill gas sampling pending USEPA approval of the May 8, 2012 work plan

6. ANTICIPATED DEVELOPMENT WITH WORK DURING THE NEXT PERIOD

- Updated/revised QAPP approval anticipated by USEPA

7. OTHER RELEVANT INFORMATION

- None